

**AMENDMENTS TO THE CLAIMS:**

Please replace the claims with the claims provided in the listing below wherein status, amendments, additions and cancellations are indicated.

1. (Amended) Device for a substantially simultaneous synthesis of a plurality of samples comprising a support plate having a plurality of cavities which, under formation of rows, are regularly arranged in a repeated raster, and which are adapted to receive micro-beads, wherein a detachable cover is provided, which has barriers of a defined width, said barriers cover and space apart at least one respective cavity associated to one row of cavities in such a manner that capillary gaps are formed between the micro-beads and the barriers, wherein the capillary gaps are formed by a space resulting from the micro-beads projecting from out of the cavities, with one dosageable liquid supply means being associated to each of said capillary gaps, and so large a recess remains between two respective adjacent barriers that said recess is capillary inactive.

2. (Previously presented) Device as claimed in claim 1, wherein the cover is formed by a transparent plate, into which parallel indentations are inserted for formation of larger recesses.

3. - 4. - (Cancelled)

5. (Previously Presented) Device as claimed in claim 1, wherein the barriers are provided with a hydrophilic or hydrophobic surface in the area where contacting the support plate, whereby at least the side walls of the recesses limiting the barriers are provided with a respective oppositely active surface coat.

6. (Previously Presented) Device as claimed in claim 1, wherein the support plate and the cover are mounted, by means of a guide, relative to each other in a connection which is laterally displaceable and rotatable by 90°.

7. (Previously Presented) Device as claimed in claim 6, wherein, subsequent to the barriers at least one porous portion and a further plane section are allocated to said cover, whereby said a further plane section covers the entire support plate.

8. (Previously Presented) Device as claimed in claim 1, wherein the liquid supply for the gaps takes place in the support plate via bores, each respective bore being pre-positioned to a respective row of cavities.

9. (Previously Presented) Device as claimed in claim 1, wherein the liquid supply for the gaps takes place in the cover via bores, each respective bore being pre-positioned to a respective row of cavities.

10. (Previously Presented) Device as claimed in claim 8 or 9, wherein said bores are provided with hose-like connections or fitting pieces, which are each connected to a liquid supply means, a defined pressure being adapted to be applied to said liquid supply means.